BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 10.00 Lakhs

Name of Work:- Repairs to footpath, drains and culverts in ward no:04

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Removing B.S slab of drain and stacking	sqm							
			2	180.00	1.65		594.00		
							594.00		
		Deduct 30%of Missing slabs qty					178.20		
							415.80	58.32	**24249.00**
	Basic Rate	54.00							
	Area Weightage @ 8%	4.32							
	Total	58.32							
2	Refixing stone slabs of drains and pointing in CM(1:3)	Sqm							
			Vide Item No. 2				415.80	75.60	**31434.00**
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	75.60							
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete **do 7.5 cms** thick	sqm							
		20% of Missing slabs qty					83.16	639.36	**53169.00**
	Basic Rate	592.00							
	Area Weightage @ 8%	47.36							
	Total	639.36							
4	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2014-15)	**Cum**							
	Removing silt in exisiting drain		2	2000.00	0.50	0.45	900.00		
			2	400.00	0.60	0.50	240.00		
							1140.00	**75.60**	**86184.00**
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	**75.60**							

5	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2014-15	Cum							
	Reconstruction of culverts in ward no 04		7	6.50	1.50	0.90	61.43		
							61.43	**264.60**	**16253.00**
	Basic Rate	245.00							
	Area Weightage @ 8%	19.60							
	Total	264.60							
6	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no4.3,Page no12,PWD SR 2014-15)	Cum							
			7	6.50	1.50	0.15	10.24		
							10.24	**4847.04**	**49622.00**
	Basic Rate	4488.00							
	Area Weightage @ 8%	359.04							
	Total	**4847.04**							
7	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with super plasterise @ 3lts conforming etc as per specification&direction of the engineer incharge of work(pwd sr2014-15,p.no13,sno4.11)	Cum							
	for culvert		7	6.50	1.50	0.20	13.65		
	Sides		14	6.50	0.20	0.70	12.74		
	Deck slab		7	6.50	1.50	0.23	15.70		

							42.09	**6065.28**	**255272.00**
	Basic rate	5616.00							
	Add 8% AW	449.28							
	Total	6065.28							
8	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr2014-15,p.no17,s.no4.46)	Qtl							
	Total Qty 100 kg / cum						**42.09**		
							42.09	**7905.60**	**332727.00**
	Basic rate	7320.00							
	Add 8% AW	585.60							
	Total	7905.60							
9	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecification. Specification no.KBS 4.6.2 (pwd sr2014-15,p.no15/4.31)	Sqm							
			28	6.50		0.70	127.40		
			7	6.50	0.60		27.30		
							154.70	**292.68**	**45278.00**
	Basic rate	271.00							
	Add 8% AW	21.68							
	Total	292.68							
10	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
	For missing slabs		150	0.90		0.60	81.00		
							81.00	**1245.00**	**100845.00**

11	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/ sand/kanker / Moorum. KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications (Item no17.1,Page no 130, PWD SR 2014-15)	Cum							
			Vide Item No. 1				61.43	68.04	4179.00
	Basic Rate	63.00							
	Area Weightage @ 8%	5.04							
		68.04							788.00
12	Miscellaneous charges	L/S						Total RS	1000000.00
	(Rupees Ten lakhs only)								

Certificate

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2014-15
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

K.M. Gollu

Assistant Engineer
Ward no: 04

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 10.00 lakh
(Rupees Ten lakhs only)
is hereby accorded under head P-1771/14-15
Registered as CE No. ..... Subject to conditions contained in enclosed memo No...../..... Dt. 27/10/14

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00
Rupees Ten lakhs only
Under P-1771/14-15
Registered as CE ( ) No. 9
Subject to conditions contained enclosed memo EE ( ) No. .....
Dt. ..... Estimate A/ Sanction No. .....
Dated 28/10/14 Rs. 10.00

Executive Engin